

"PATENT"

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No.	:	10/667,648	Confirmation No.	1123
Applicant	:	Walter H. Christiansen		
Filed	:	09/22/2003		
Art Unit	:	1712		
Examiner	:	Feely, Michael J		
Docket No.	:	US.03.036		
Customer No.	:	33249		
Date	:	September 21, 2007		

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

**DECLARATION PURSUANT TO 37 C.F.R. § 1.132**

Sir:

I, Larry Steven Corley, declare and state:

1. I have been employed by Hexion Specialty Chemicals, Inc. or its predecessor company, Shell Chemical Company, where my title is currently "Senior Staff Research Chemist," since 1978.
2. My educational background includes a Ph.D. in Polymer Science and Engineering from University of Massachusetts, in Amherst, Massachusetts and a B.S. in Chemistry from King College, in Bristol, Tennessee.
3. I am an inventor or co-inventor on at least 58 U.S. patents relating to epoxy and polymer systems.

4. I am listed in the 2000-2001 edition of *Who's Who in Science and Engineering* published by the Marquis Publishing Company.

5. I was an Associate Editor of the journal *Progress in Polymer Science*, from 1987-1993. I was an Editorial board member of the journal *Progress in Polymer Science*, from 1994-1998.

6. I am an inventor of the invention claimed in the above-identified application.

7. The process of the present application is different from that of de la Mare *et al.* and Shomer, and such differences are attributable to the unique properties of dicyandiamide and melamine. The present applications process is able to use basic alkali metal containing compounds as accelerators for the acidic dicyandiamide and melamine to produce compounds with enhanced thermal properties.

8. Due to the structures of dicyandiamide and melamine they are more acidic than typical aliphatic amine groups, which are basic.

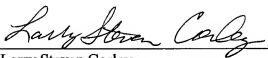
9. The combination of the acidity and the amine groups in dicyandiamide and melamine permit them to be accelerated by basic alkali metal containing compounds.

10. De la Mare *et al.* and Shomer, do not teach or suggest amine compounds with the structures of dicyandiamide and melamine nor do they teach or suggest amine compounds that are acidic.

11. De la Mare *et al.* and Shomer, only teach regular aliphatic (or aromatic) amine compounds that are basic in nature and therefore are not accelerated by basic alkali metal containing cure accelerators.

12. I further declare that all statements and representations made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and representations were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued therefrom.

September 21, 2007  
Dated

  
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Larry Steven Corley  
Senior Staff Research Chemist  
Hexion Specialty Chemicals, Inc.